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**Notice of Allowability**

Application No.

10/775,799

Examiner

Khanh V. Nguyen

Applicant(s)

GURVICH ET AL.

Art Unit

2817

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/10/05.
2. ☒ The allowed claim(s) is/are 1,2,4-27 and 33-40.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                                  |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date <u>11/22/05</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment  |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance                         |
|   | 9. <input type="checkbox"/> Other _____  |

  
**KHANH V. NGUYEN**  
**PRIMARY EXAMINER**

## DETAILED ACTION

### *Examiner's Amendment*

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to the applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney David L. Henty (Reg. No. 31,323) on November 22, 2005.

The application has been amended as follows:

### *Claims*

Claim 1, page 2, line 7; replaced **"to the sampled output from the main amplifier"** with -- **and to the output of the output sampling coupler** --.

Claim 1, page 2, line 8, after **output** inserted -- **signal** --.

Claim 1, page 2, line 11, replaced **"from"** with -- **of** --.

Claim 1, page 2, line 11, replaced third occurrence **"the"** with -- **a** --.

Claim 1, page 2, line 14, replaced **"error coupler output"** with -- **output of the error coupler** --.

Claim 1, page 2, line 17, after first occurrence of **a** inserted -- **reduced carrier** --.

Claim 1, page 3, line 1, deleted **"the signal path through"**.

Claim 1, page 3, line 2, replaced **"the"** with -- **a** --.

Claim 2, page 3, line 3, deleted -- **system** --.

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Claim 5, page 3, line 4, replaced "from" with -- of --.

Claim 7, page 4, line 7, replaced "to the sampled output from the main amplifier" with -- and to the output of the output sampling coupler --.

Claim 7, page 4, line 8, after **output** inserted -- signal --.

Claim 7, page 4, line 11, replaced "from" with -- of --.

Claim 7, page 4, line 11, replaced third occurrence "the" with -- a --.

Claim 7, page 4, line 14, replaced "error coupler output" with -- output of the error coupler --.

Claim 7, page 4, line 17, after first occurrence of **a** inserted -- reduced carrier --.

Claim 7, page 4, line 21, after **input** inserted -- RF --.

Claim 10, page 5, line 1, replaced "3" with -- 1 --.

Claim 13, page 6, line 4, after first occurrence of **the** inserted --reduced carrier

--.

Claim 16, page 7, line 5, replaced "with" with -- , wherein --.

Claim 16, page 7, line 5, replaced "having" with -- has --.

Claim 16, page 7, line 7, after **coupler** inserted -- for providing an output signal --.

Claim 16, page 7, line 9, after **input** inserted -- signal --.

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Claim 16, page 7, line 9, after **output** inserted -- **signal** --.

Claim 22, page 8, line 3, replaced "in the signal output from" with -- on the output of --.

Claim 25, page 9, line 22, after "said" inserted -- RF --.

Claim 33, page 10, line 7, replaced third occurrence of "the" with -- a --.

Claim 34, page 10, line 2, after first occurrence of **the** inserted -- **carrier canceled** --.

Claim 40, page 11, line 1, after "said" inserted -- RF --.

***Allowable Subject Matter***

Claims 1, 2, 4-27, 33-40 are allowed.

Claims 1, 2, 4-6, 10-27, 33-40 call for, among others, delay mismatch between the signal paths.

Claims 7-9 call for, among others, a schematic of the carrier signal reduction circuit having the connection as claimed.

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh V. Nguyen whose telephone number is (571) 272-1767. The examiner can normally be reached from 8:00 AM - 3:30 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Pascal can be reached on (571) 272-1769. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 872-9306 for After Final communications.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



**KHANH VAN NGUYEN**  
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